

Specification of Competency Standards
for the Testing, Inspection and Certification Industry
Unit of Competency

Functional Area - Testing Operations

Title	Design and supervise complex environmental field surveys
Code	105812L5
Range	This unit of competency (UoC) covers the abilities to establish and manage complex field surveys for a range of environmental testing. This UoC describes the competencies to evaluate survey requirements, design and conduct complex field surveys, and supervise subordinates to conduct the field survey according to a defined operational plan to achieve the purpose of the survey for environmental testing.
Level	5
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge of general and specific field monitoring and survey practices and techniques</p> <ul style="list-style-type: none"> • Clarify with all stakeholders the purpose and objectives of the field survey activities within the context of the overall environmental testing. • Identify and accurately interpret all external statutory requirements and survey protocols that relate to the defined field survey activities. • Comprehend specific field survey practices and techniques. • Explain the principles and procedures of field survey. • Determine all resources required to implement the environmental field survey. <p>2. Design environmental field survey activities and supervise subordinates to conduct the field survey</p> <ul style="list-style-type: none"> • Develop and document details of the field survey methodology. • Establish different phases of an environmental field survey. • Design an operational plan for environmental field survey and organise various activities, with sequential workflow, in each phase of the field survey. • Coordinate and allocate specified activity held in the environmental field survey to individual subordinates. • Supervise all field survey and associated activities. • Monitor the survey work and data quality according to the field survey plan. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Optimise and monitor various resources to achieve the targeted operational performance in the environmental field survey. • Ensure all survey work is performed safely with minimal impact on the environment.
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • design complex environmental field survey by establishing and organising activities within the operational plan of field survey, • supervise subordinates to conduct field survey and associated activities, • coordinate and optimise the work by allocating resources in the environmental field survey in accordance with the operational plan.
Remark	